

ABSTRACT

A method of preparing normalized and/or subtracted cDNA; a method in which the cDNA that is normalized and/or subtracted is in the form of uncloned cDNA (cDNA tester); a method of preparing normalized and/or subtracted cDNA comprising the steps of: (a) preparing cDNA tester; (b) preparing normalization and/or subtraction RNA driver; (c) conducting normalization and/or subtraction in two steps in any order, or conducting normalization/subtraction as a single step and mixing the normalization/subtraction RNA driver with said cDNA tester; (d) adding an enzyme capable of cleaving single strand sites on RNA drivers nonspecifically bound to cDNA tester; (e) removing said single strand RNA driver cleaved in step d) from the tester and removing tester/driver hybrids; and (f) recovering the normalized and/or subtracted cDNA; and a method of efficiently preparing normalized and/or subtracted long-chain, full-coding, and full-length cDNA libraries are provided.